

## INTERNATIONAL SEARCH REPORT

Intern: I Application No

FI 03/00254

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07D215/00 C07D239/00 C07D491/00 A61K31/435 A61P25/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, MEDLINE, EMBASE, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 64645 A (SAVOLA JUHA MATTI ;WURSTER SIEGFRIED (FI); ENGSTROEM MIA (FI); HOE) 7 September 2001 (2001-09-07) claim 11 ---	1-15
X	WO 02 18348 A (HOFFMANN LA ROCHE) 7 March 2002 (2002-03-07) page 3, line 13 - line 14 ---	1-15
X	US 4 604 398 A (WARD TERENCE J) 5 August 1986 (1986-08-05) column 2, line 55 ---	1-15
X	US 4 686 226 A (HUFF JOEL R ET AL) 11 August 1987 (1987-08-11) column 1, line 5 - line 60 ---	1-15
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"g" document member of the same patent family

Date of the actual completion of the international search

18 June 2003

Date of mailing of the international search report

- 7. 07. 2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

FERNANDO FARIETA / ELY

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 6 426 350 B1 (BISCHOFF FRANCOIS PAUL ET AL) 30 July 2002 (2002-07-30) column 1, line 5 - line 30 ---	1-15
X	US 6 352 999 B1 (BRAEKEN MIRIELLE ET AL) 5 March 2002 (2002-03-05) column 1, line 10 - line 30 ---	1-15
P,X	US 6 495 555 B1 (KENNIS LUDO EDMOND JOSEPHINE ET AL) 17 December 2002 (2002-12-17) column 1, line 10 - line 25 ---	1-15
X	WO 00 37466 A (JANSSEN PHARMACEUTICA NV ;KENNIS LUDO EDMOND JOSEPHINE (BE); MERTE) 29 June 2000 (2000-06-29) claim 6 ---	1-15
X	US 6 156 757 A (LOVE CHRISTOPHER JOHN ET AL) 5 December 2000 (2000-12-05) column 1, line 10 - line 20 ---	1-15
P,A	US 2002/045614 A1 (BECKER CYRUS KEPHRA ET AL) 18 April 2002 (2002-04-18) claims 1-32 -----	1-15

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International application No.  
PCT/FI 03/00254

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 1-15  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-15

The wording "sensorimotor gating deficits" is considered unclear and undefined in reference with the kind of diseases or symptoms such wording is limited to. Therefore, the initial phase of the search revealed a very large number of documents relevant to the issue of novelty. So many documents were retrieved that it is impossible to determine which parts of the claims may be said to define subject-matter for which protection might legitimately be sought (Article 6 PCT). For these reasons, a meaningful search over the whole breadth of the claims is impossible. Consequently, the search has been restricted to:

The alpha 2C antagonist cited in the description (Page 4 lines 12-22) as JP-1302 and structurally related compounds with diseases or symptoms according to broad claims 1-15.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

## INTERNATIONAL SEARCH REPORT

Intern al Application No

Information on patent family members

T/FI 03/00254

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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Information on patent-family members

Intern: 11 Application No

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Form PCT/ISA/210 (patent family annex) (July 1992)

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